

**WELDED SAMPLE PREPARATION ARTICLES AND METHODS**

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**ABSTRACT**

Solid phase extraction articles, well-less filtration devices, and methods of manufacturing the articles and devices are disclosed. Methods of extracting analytes from samples using the articles and devices are also disclosed. The articles, devices and methods include a solid phase extraction medium (SPE medium) that incorporates 10 thermoplastic material, e.g., in the form of thermoplastic particles enmeshed within a fibril matrix.